

Table 1.3

Summary of Changes in Cancer Mortality, 1950-2009 and  
5-Year Relative Survival (Percent), 1950-2008  
Males and Females, By Primary Cancer Site

Primary Site	All Races		Whites			
	Estimated Cancer Cases in 2009 <sup>a</sup>	Actual Cancer Deaths in 2009 <sup>b</sup>	U.S. Mortality Percent Change 1950-2009 <sup>b</sup>		5-Year Relative Survival (Percent) <sup>c</sup>	
			Total	APC	1950-1954	2002-2008
Oral cavity and pharynx	35,720	7,922	-53.7	-1.3*	46	66.5
Esophagus	16,470	13,908	27.5	0.8*	4	20.5
Stomach	21,130	11,184	-87.5	-3.4*	12	26.6
Colon and rectum	146,970	52,393	-53.4	-1.2*	37	67.0
Colon	106,100	42,198	-46.1	-0.9*	41	66.2
Rectum	40,870	10,195	-69.8	-2.4*	40	68.8
Liver and intrahepatic bile duct	22,620	22,784	45.1	0.7*	1	15.6
Pancreas	42,470	35,628	25.1	0.1*	1	6.2
Larynx	12,290	3,630	-37.9	-0.7*	52	64.9
Lung and bronchus	219,440	158,350	223.9	1.5*	6	17.3
Males	116,090	87,884	147.6	0.8*	5	15.2
Females	103,350	70,466	571.7	3.2*	9	19.7
Melanoma of the skin	68,720	9,199	184.1	1.4*	49	93.2
Breast(females)	192,370	40,676	-33.6	-0.6*	60	91.7
Cervix uteri	11,270	3,909	-82.5	-3.3*	59	70.2
Corpus and uterus, NOS	42,160	7,713	-68.5	-1.7*	72	85.4
Ovary	21,550	14,841	-9.3	-0.3*	30	42.8
Prostate	192,280	28,088	-30.6	-0.3*	43	99.9
Testis	8,400	376	-71.0	-2.9*	57	97.0
Urinary bladder	70,980	14,575	-30.5	-0.8*	53	80.7
Kidney and renal pelvis	57,760	13,366	32.4	0.5*	34	72.3
Brain and nervous system	22,070	14,176	53.2	0.5*	21	33.6
Thyroid	37,200	1,707	-39.9	-1.1*	80	97.8
Hodgkin lymphoma	8,510	1,250	-79.0	-3.3*	30	88.3
Non-Hodgkin lymphoma	65,980	20,002	89.6	1.1*	33	71.8
Myeloma	20,580	10,773	207.0	1.3*	6	42.9
Leukemia	44,790	22,605	0.4	-0.3*	10	58.8
Childhood (Ages 0-14)	10,730	1,320	-74.2	-2.7*	20	84.5
All Sites	1,479,350	567,614	-12.1	-0.1*	35	68.9

The APC is the Annual Percent Change over the time interval. Rates used in the calculation of the APC are age-adjusted to the 2000 U.S. standard population (18 age groups - Census P25-1130).

<sup>a</sup> Facts and Figures, 2009. American Cancer Society, Atlanta, Georgia, 2009.

<sup>b</sup> U.S. Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

Due to coding changes throughout the years: Colon excludes other digestive tract; Rectum includes anal canal;

Liver & intrahepatic bile duct includes gallbladder & biliary tract, NOS; Lung & bronchus includes trachea & pleura;

Ovary includes fallopian tube; Urinary bladder includes other urinary organs; Kidney & Renal pelvis includes ureter;

NHL and myeloma each include a small number of leukemias; NHL includes a small number of ill-defined sites.

<sup>c</sup> Survival estimates for 1950-54 are from NCI Survival Report 5 with the exception of All Sites, Oral cavity & pharynx, Colon & rectum, Non-Hodgkin lymphoma and Childhood cancers which come from historical Connecticut data.

Survival estimates for 2002-2008 are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta). Rates are based on follow-up of patients into 2009.

\* The APC is significantly different from zero (p<.05).